7c
Co

CONCORD

Manufacturers of GLAZING COMPOUNDS • PUTTY CAULKING COMPOUNDS • CURTAIN WALL SEALANTS

COMPANY HISTORY

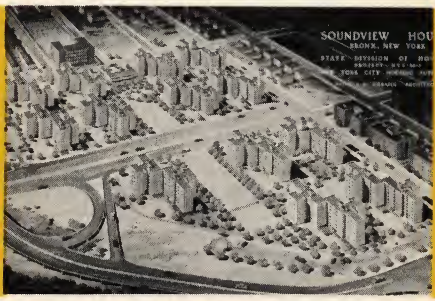
Since 1875, the CONCORD PAINT COMPANY has supplied the glazing trade with putties and glazing compounds that have consistently and successfully met exacting requirements. For more than 30 years, Concord's staff of laboratory technicians has kept pace with new developments in building construction. CONCORD PRODUCTS have been used satisfactorily on federal, state, municipal and private construction projects. *When you specify CONCORD, you can always be sure of top quality and trouble-free performance.*

These representative buildings are proof of the quality of CONCORD GLAZING COMPOUNDS and PUTTY.

MANHATTAN HOUSE
New York, N. Y.
Architect: Skidmore, Owings & Merrill

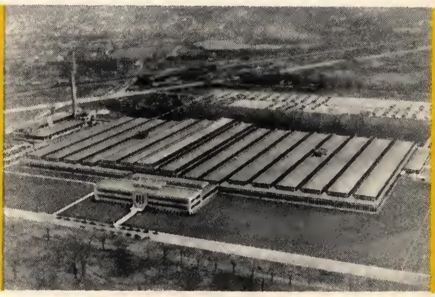
SCHWAB HOUSE
New York, N. Y.
Architect: Sylvan Bien

FOREST HOUSES
New York, N. Y.
Architect: Rosario Candela & Paul Resnick



SOUNDVIEW HOUSES
New York, N. Y.
Architect: Reisner & Urbahn

FORD ASSEMBLY PLANT
FORD MOTOR COMPANY
Mahwah, N. J.
Architect: Giffels & Valett, Inc.



PRATT & WHITNEY PLANT
Hartford, Conn.
Architect: Albert Kahn

CONCORD PAINT COMPANY, INC.
421 HUNTS POINT AVENUE • NEW YORK 59, N. Y. • Kilpatrick 2-5550

CON-GLAZE

ELASTIC GLAZING COMPOUNDS

for Steel, Aluminum, Bronze, Wood Windows

CONCORD GLAZING COMPOUNDS

are the result of many years of research and experimentation. They differ from wood and metal sash putties in composition and performance. Made of finest quality processed oils and pigments, they are compounded to be weather-resistant, adhere firmly to sash and glass, form a perfect water-repellent bond, and remain plastic and resilient.

Particularly effective on aluminum sash, CON-GLAZE Glazing Compounds are ideal, too, for steel, stainless steel, bronze and bonderized-galvanized steel sash. They provide maximum protection without paint—and last even longer when painted.

advantages

1. Easy to handle and apply.
2. Cling tenaciously to sash and glass.
3. Remain elastic and rubbery.
4. Cushion glass against unnecessary breakage.
5. Allow for expansion and contraction.
6. Assure a permanent water-tight seal, preventing moisture from getting underneath to corrode the metal or rot the sash.
7. Make re-glazing easy.
8. Resist acid and alkali fumes.

Plus this important extra advantage

The CON-GLAZE initial set is faster. This reduces the hazard of marring with finger marks, etc. Although CON-GLAZE Glazing Compounds set faster, they will not oxidize or "dry" throughout.

TYPE "A" FOR ALL WOOD SASH GLAZING

Sets firm — remains elastic and rubbery — allows for expansion and contraction. Forms a permanent weathertight seal.

Meets Federal Specification TT-P-781a Type 1

TYPE "B" FOR ALL TYPES OF STEEL WINDOWS

Sets firm — remains elastic and rubbery — allows for expansion and contraction. Forms a permanent weathertight seal.

Meets Federal Specification TT-P-781a Type 1

TYPE "C" FOR USE ON ALUMINUM WINDOWS

Adheres firmly to the smooth surface of aluminum. Sets firm — remains elastic and rubbery — allows for expansion and contraction. Forms a permanent weathertight seal. Colored to match aluminum sash.

Meets Federal Specification TT-P-781a Type 1

TYPE "D" FOR ALL WIDE RABBITED ALUMINUM AND STEEL WINDOWS,

It solves the glazing problem where a faster set is necessary, while retaining all the qualities and requirements of Type "B" and Type "C" CON-GLAZE.

Meets Federal Specification TT-P-781a Type 1

STOCK COLORS: Neutral, Steel Grey, Aluminum Grey.

NOTE: Our Type "C" and Type "D" GLAZING COMPOUNDS should always be specified when used in conjunction with our CON-O-SEAL CP58 Sealant in Curtain Wall Glazing.

SPECIFICATIONS:

Steel, Aluminum and Bronze Windows

Window rabbets shall be thoroughly cleaned. No glazing shall be carried on during inclement weather, or when sash or glass is wet, damp or frosted. Spring clips or blocks shall be used to hold glass firmly in sash, as required. The glazing compound shall be of a color selected by the architect. Glass shall be well bedded—then faced or filled-in, as needed, with CON-GLAZE Glazing Compound (indicate Type B, C or D), as manufactured by the Concord Paint Company, Inc., New York 59, New York.

Wood Sash

Sash shall be properly primed. Glaziers' points or blocks shall be used to hold glass firmly in sash, as required. The glazing compound shall be of a color selected by the architect. Glass shall be bedded—then faced with CON-GLAZE Glazing Compound, Type A, as manufactured by the Concord Paint Company, Inc., New York 59, New York.

SERVICE FOR ARCHITECTS. Many glazing problems arise concerning the proper type of glazing compounds or putty best suited for certain types of jobs. When these problems arise we urge you to contact our technical department.

CONCORD *PUTTY*

for Steel and Wood Sash Glazing

SPECIAL CASEMENT SASH PUTTY

FOR USE ON ALL TYPES OF STEEL WINDOWS

Sets firm and lasting — remains watertight. For all interior or exterior glazing.

Meets Federal Specification TT-P-781a Type 11

HUNTS POINT 100% LINSEED OIL PUTTY

FOR USE ON ALL WOOD SASH

A high quality wood sash putty made with pure linseed oil and finest grade whiting. Used by leading glazing contractors.

Meets Federal Specification TT-P-791a Type 1

HUNTS POINT 100% LINSEED OIL PUTTY
with 10% White Lead

FOR USE ON ALL WOOD SASH

Similar to our Hunts Point 100% Linseed Oil Putty, with white lead added to increase durability.

Meets Federal Specification TT-P-791a Type 11

CONCORD *Certified Caulking Compound*

A high grade non-staining caulking compound that meets the exacting requirements of Federal Specifications TT-C-598 Grade 1 (gun consistency) and TT-C-598 Grade 11 (knife consistency). Concord Certified Caulking Compound is outstanding in its class—dependable and durable.

SEALANT TAPES

CON-O-GUM CP-576

A polybutene base mastic compound extruded into tape form. The positive seal affected by CON-O-GUM sealing tape affords the finest weather protection always and cuts time and labor costs.

Compared with CON-O-TAPE CP-162, or any pre-formed rubber, vinyl, or neoprene gasket, CON-O-GUM tape is versatile. It has greater tolerance, and compresses easier. It adapts itself to any unevenness of joint widths. A tape of proper dimensions should be selected for a given joint to permit squeezing action to be exerted on the tape.

PROPERTIES:

Color: Off White.

Consistency: Dough-like mastic material.

Coverage: Depends on size and tape used and specified.

Stability: Indefinite length of time.

Volatile: None.

Odor: Mild.

Resistance: Excellent resistance to water and moisture vapor—surface is repellent to water at all times.

Effects of High and Low Temperatures: Does not become brittle or lose adhesion at —30 F. Does not flow or run in temperatures up to 350 F.

Shrinkage: Nil.

FURNISHED: **Thicknesses:** 1/16", 1/8", 3/16", 1/4" **Widths:** 1/2", 5/8", 3/4", 7/8", 1"

CON-O-TAPE CP-162

A non-curing synthetic eltstomer base compound extruded into tape form.

It was developed for use as a sealer and gasket between metal surfaces, metal and glass, metal and wood: and is used as a gasket, spacer or separator and seal. It serves to position the glass or panel in the frame, and has sufficient stickiness to stay in position without the use of additional adhesives.

PROPERTIES:

Colors: Aluminum, Black.

Consistency: Flexible, rubbery, tacky tape.

Coverage: Depends on size and tape used and specified.

Stability: Indefinite length of time.

Volatile: None.

Odor: None.

Resistance: Excellent resistance to water and moisture vapor—surface is repellent to water at all times.

Effects of High and Low Temp.: High Temp: It will retain its original shape up to 180 F. under no external pressure.

Low Temp: Material will not become brittle at —30 F.

Shrinkage: Nil.

FURNISHED: **Thicknesses:** 1/16", 3/32", 1/8", 3/16", 1/4", 5/16". **Widths:** 3/8", 1/2", 3/4", 1"

Several representative Buildings Glazed with CONCORD products

COMMODORE PERRY HOUSES
Buffalo, N. Y.

SUMNER HOUSES
Brooklyn, N. Y.

NEWARK HOUSES
Newark, N. J.

FREDERICK DOUGLAS HOUSES
New York, N. Y.

QUONSET POINT HOUSES
North Kingston, R. I.

FORT DEVENS HOUSING PROJECT
Fort Devens, Mass.

STATE OFFICE BUILDING DEPARTMENT OF HEALTH
Albany, N. Y.

BUSH TERMINAL BUILDINGS
Brooklyn, N. Y.

I.B.M. LABORATORY BUILDING
Kingston, N. Y.

AMERICAN CHICLE COMPANY
Long Island City, N. Y.

ARMSTRONG RUBBER COMPANY
Westhaven, Conn.

GRUMMAN AIRCRAFT BUILDING
Calverton, L. I., N. Y.

PRATT & WHITNEY AIRCRAFT BUILDING
East Hartford, Conn.

RAYTHEON MANUFACTURING CO.
Wayland, Mass.

U. S. ELECTRIC MANUFACTURING CO.
Milford, Conn.

U. S. RUBBER COMPANY
Dedham, Mass.

PLATTSBURG AIR FORCE BASE
Plattsburg, N. Y.

OTIS AIR FORCE BASE
Falmouth, Mass.

BROOKLYN ARMY BASE
Brooklyn, N. Y.

ROME STATE SCHOOL
Rome, N. Y.

SCARSDALE JUNIOR HIGH SCHOOL
Scarsdale, N. Y.

OWEN J. ROBERTS HIGH SCHOOL
Pottstown, Pa.

EAST MEADOW HIGH SCHOOL
East Meadow, L. I., N. Y.

WEST SIDE SCHOOL
Taunton, Mass.

MAMARONECK HIGH SCHOOL
Mamaroneck, N. Y.

CENTRAL ISLIP STATE HOSPITAL
Central Islip, L. I., N. Y.

CREEDMOOR STATE HOSPITAL
Queens, N. Y.

WILLARD STATE HOSPITAL
Willard, N. Y.

BELLEVUE MEDICAL CENTER
New York, N. Y.

EAST HARLEM HOSPITAL
New York, N. Y.

MANHATTAN STATE HOSPITAL
Wards Island, N. Y.

CONCORD
PAINT COMPANY, INC.
421 HUNTS POINT AVENUE
NEW YORK 59, N. Y.

CON-O-SEAL CP-58 SEALANT

A SEALANT FOR THE BUILDING INDUSTRY
BASED ON **THIOKOL***
LIQUID POLYSULFIDE POLYMER

for Curtain Wall Glazing

ADVANTAGES

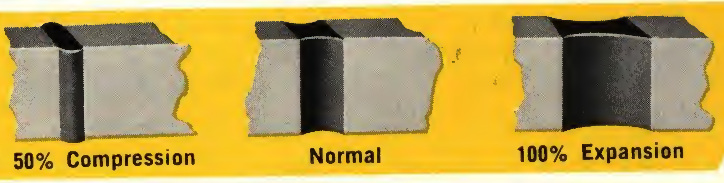
- *CON-O-SEAL* can be applied for overhead or vertical applications where flow or sag is undesirable.
- *CON-O-SEAL* will not oxidize or absorb moisture, thus effectively sealing joints against air, water, snow and dust.
- *CON-O-SEAL* will maintain bond between materials having widely different coefficients of thermal dimensional changes.
- *CON-O-SEAL* forms a rubber joint, or seal, which has excellent high and low temperature properties, remarkable contraction and expansion properties, and outstanding resistance to weather conditions. These maximum elongations and stress relaxation properties, coupled with extreme adhesion, insures maximum protection against possible glass breakage due to stresses, strains and movements.
- *CON-O-SEAL* can be painted if desired, for decorative purposes.
- *CON-O-SEAL* laboratory tests indicate that if properly applied it will provide excellent protection for periods up to 30 years or more.

CON-O-SEAL CP-58 SEALANT is a synthetic rubber compound for use in sealing joints where an absolute water tight seal is required, including those subject to extreme expansion and contraction.
It bonds well to almost all building materials, including those of dissimilar surface density and texture and is especially effective in curtain wall construction.

CON-O-SEAL CP-58 SEALANT is a two component product consisting of a base and catalyst to be mixed prior to application. After being mixed with the correct amount of catalyst the compound gradually stiffens, but retains its workable consistency as per the following schedule:

AIR TEMP.	HUMIDITY	POT LIFE	SET TO TOUCH	Maximum Strength CURING TIME
59° F.	50%	6-8 Hrs.	36-48 Hrs.	14 Days
77° F.	50%	3-4 Hrs.	18-24 Hrs.	7 Days
95° F.	50%	1 ½-2 Hrs.	9-12 Hrs.	3 ½ Days

NOTE: Humidity is definitely a factor in affecting the application pot-life. The above table shows only an average humidity. Pot-life is decreased by high humidity and increased by low humidity.


50% Compression
Normal
100% Expansion

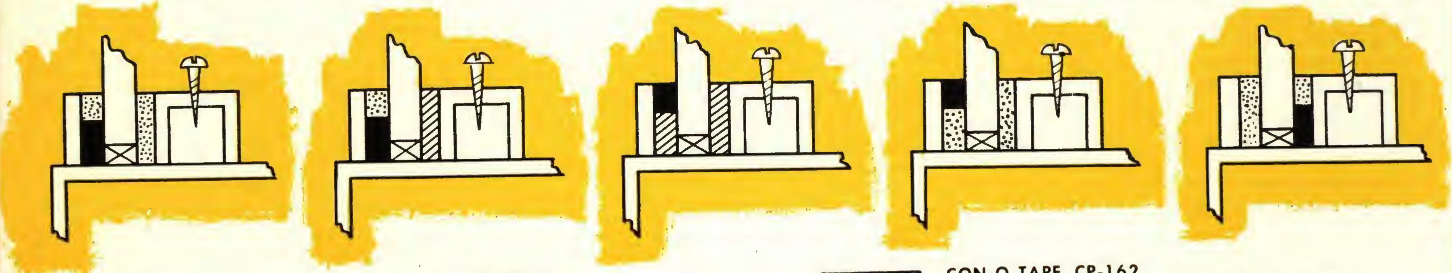
PHYSICAL PROPERTIES (Based on Standard Neutral Grey.)

UNCURED	
Base Rubber	THIOKOL Liquid Polysulfide Polymer
Solids (non-volatile)	97%
Flow:	A vertical joint applied by caulking gun at 77° F. to Aluminum panels ¾" wide x ¾" deep and 6" long, flows less than 1/32".
System:	Two component catalyst reaction.

CURED	
Shrinkage	Nil
Specific Gravity	1.5 (approx.) varies with color
Ultimate Strength	140 lbs. per sq. in. (Average)
Elongation	Approx. 500% (Average)
Weatherometer Test	Weatherometer exposure tests for the equivalent period of ten years normal exposure showed only that the lustre of CON-O-SEAL had disappeared but life of the material was unimpaired.

COLORS: Black, Aluminum, Neutral Grey and White. Other colors on special request.

TYPICAL WINDOW APPLICATIONS (Showing combined applications of CON-O-SEAL, CON-GLAZE and CON-O-TAPE or CON-O-GUM)



░	CON-GLAZE TYPE "C"
■	CON-O-SEAL CP-58 SEALANT
▨	CON-O-TAPE CP-162 or CON-O-GUM CP-576
☒	BLOCKS

CONCORD PAINT COMPANY, INC.
421 HUNTS POINT AVENUE • NEW YORK 59, N. Y. • Kilpatrick 2-5550

*A registered trademark of THIOKOL CHEMICAL CORPORATION

Digitized by:

INTERNATIONAL

ASSOCIATION
FOR
PRESERVATION
TECHNOLOGY,
INTERNATIONAL
www.apti.org

BUILDING
TECHNOLOGY
HERITAGE
LIBRARY

https://archive.org/details/buildingtechnologyheritagelibrary

From the collection of:

Carol J. Dyson, AIA